

2014-2019

Airport Capital Improvement Plan

Luce County Airport

County of Luce

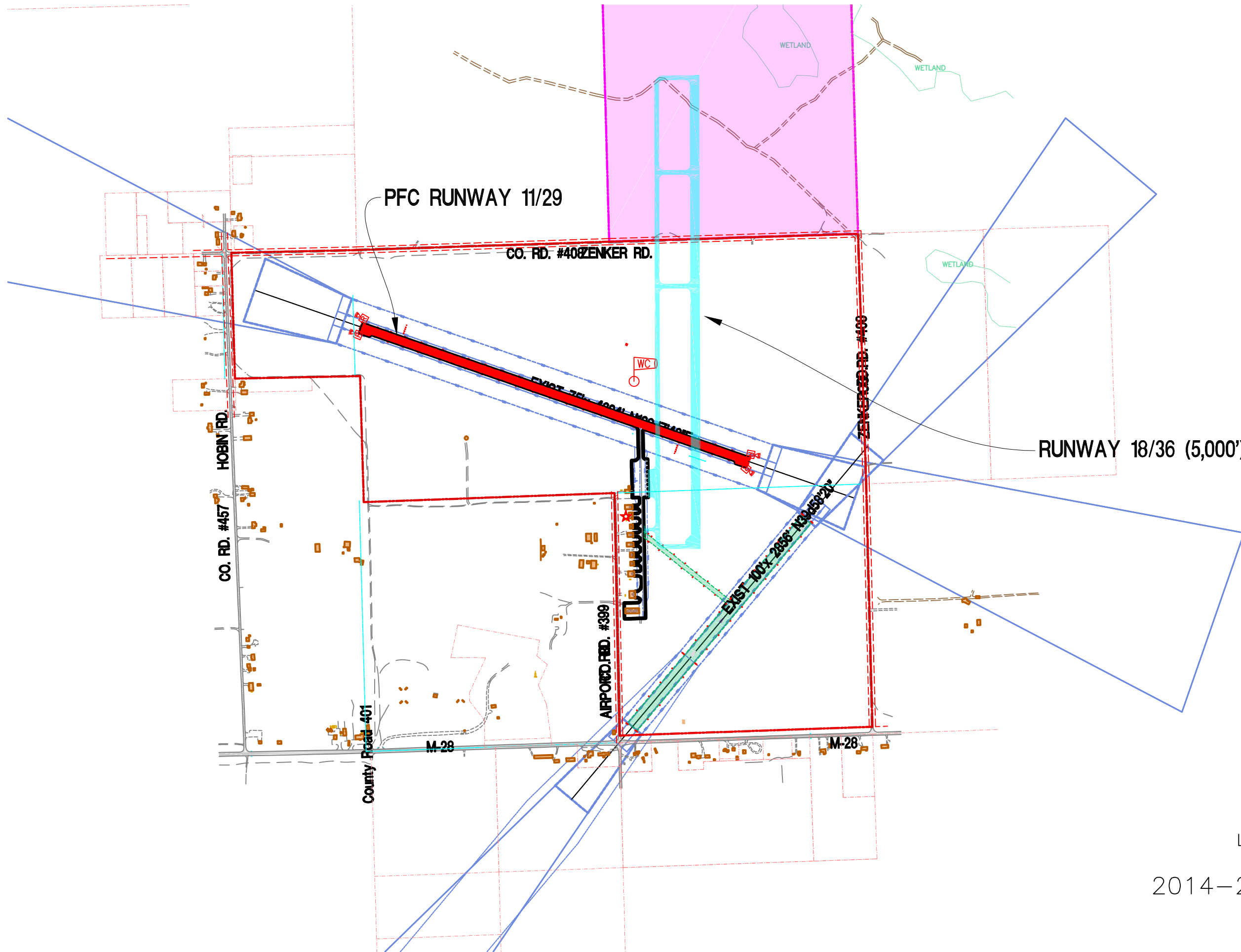
ERY

Newberry, MI

November 12, 2013

UPDATE OCTOBER 2013

MICHIGAN STATE BLOCK GRANT PROGRAM FIVE-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2014* to FY-2019 <small>*ACIP includes current development year (2014 already programmed - minor changes acceptable)</small>											
Airport Name: Luce County Airport Associated City: Newberry, MI Sponsor: County of Luce Airport Identifier: ERY										Date prepared: 11-12-13 Prepared By: Prein & Newhof Sponsor Contact: lucecountyairport@yahoo.com FINAL ACIP due to MDOT AERO: no later than 12/1/13	
Development Year	Project Description	Shown on ALP? (Yes or No)	ACIP Code**	NPIAS Priority Rating**	Federal Entitlements	Federal Apportionment	Federal Discretionary	State	Local	Total	Remarks/Item Justification - Provide as much detail as possible.
2014	Available Entitlements				\$ 245,000	(\$150,000 NPE plus \$95,000 NPE carryover from prior years.)					
	EA for Runway 18/36 Construction	No (2013 Update)	CA-RW-CO	59	\$ 99,000	\$ -		\$ 5,500	\$ 5,500	\$ 110,000	EA needed for new paved north/south runway. Will cover both future and ultimate length up to 5000'. Preliminary engineering will be done to support the EA.
					\$ -	\$ -				\$ -	
					\$ -	\$ -				\$ -	
	Carryover				\$ 146,000	2014 Total					
2015	Available Entitlements				\$ 296,000						
	Design for Runway 18/36	No (2013 Update)	CA-RW-CO	59	\$ 202,500	\$ -		\$ 11,250	\$ 11,250	\$ 225,000	Design Runway for following year construction
					\$ -	\$ -				\$ -	
					\$ -	\$ -				\$ -	
	Carryover				\$ 93,500	2015 Total					
2016	Available Entitlements				\$ 243,500						
	Crackseal and Remark Existing Pavements	Yes	RE-RW-CO	70	\$ 54,000	\$ -		\$ 3,000	\$ 3,000	\$ 60,000	Crackseal and remarking through the Statewide programs.
					\$ -	\$ -				\$ -	
					\$ 189,500	2016 Total					
	Carryover				\$ 189,500						
2017	Available Entitlements				\$ 339,500						
	Runway 18/36 (5000'x100') with Parallel Taxiway	No (2013 Update)	CA-RW-CO	59	\$ 339,500	\$ 5,780,635		\$ 340,008	\$ 340,008	\$ 6,800,150	New primary runway will provide best wind coverage for predominant/strong Northerly Cross winds. Runway will support emergency operations, fire watch and firefighting operations, as well as accomodate larger transient aircraft who wish to use the airport. Project will pave and light turf runway.
					\$ -	\$ -				\$ -	
					\$ -	2017 Total					
	Carryover				\$ 150,000						
2018	Available Entitlements				\$ 300,000						
	No project, Carryover Funds				\$ 150,000						
					\$ -	\$ -				\$ -	
					\$ -	\$ -				\$ -	
	Carryover				\$ 150,000						
2019	Available Entitlements				\$ 300,000						
	PFC Runway 11/29	Yes	SP-RW-FR	80	\$ 300,000	\$ 32,100		\$ 18,450	\$ 18,450	\$ 369,000	2012 PCI is 77. Constructed in 1999, it is anticipated that the pavement will need to be rehabilitated (PFC) to preserve existing pavement for 6-8 additional years before resurfacing is needed.
					\$ -	\$ -				\$ -	
					\$ -	\$ -				\$ -	
	Carryover				\$ -	2019 Total					
					\$ -						



SCALE : 1" = 1000'

Luce County Airport
NEWBERRY, MICHIGAN

2014-2024 ACIP PROGRAM

Prein&Newhof
AUGUST, 2013

Estimate of Probable Cost

Project Title:

EA for Runway 18/36 Construction

Owner:

Luce County Airport

Development Year:

2014(1)

Date:

November 12, 2013

Project #:

ACIP 2014

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1	Environmental Assessment	1	Lump Sum	\$65,000.00	\$65,000.00
2	Preliminary Engineering	1	Lump Sum	\$30,000.00	\$45,000.00
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Construction Estimate: **\$110,000.00**

Fed. \$99,000.00

State \$5,500.00

Local \$5,500.00

Design Engineering

Construction Administration

Contingency:

Total Estimate: \$110,000.00

Estimate of Probable Cost

Project Title:

Design for Runway 18/36

Owner:

Luce County Airport

Development Year:

2015(1)

Date:

November 12, 2013

Project #:

ACIP 2014

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1					\$0.00
2					\$0.00
3					\$0.00
4					\$0.00
5					\$0.00
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Construction Estimate:					\$0.00

Fed. \$202,500.00

State \$11,250.00

Local \$11,250.00

Design Engineering

\$225,000.00

Construction Administration

Contingency:

Total Estimate: \$225,000.00

Estimate of Probable Cost

Project Title:

Crackseal and Remark Existing Pavements

Owner:

Luce County Airport

Development Year:

2016(1)

Date:

November 12, 2013

Project #:

ACIP 2014

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1	Crack Seal	1	Lump Sum	\$20,000.00	\$20,000.00
2	Remark	1	Lump Sum	\$35,000.00	\$35,000.00
3					
4					
5					
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14					
15					
Construction Estimate:					\$55,000.00

Fed. \$54,000.00

State \$3,000.00

Local \$3,000.00

Design Engineering

Construction Administration

Contingency: \$5,000.00

Total Estimate: \$60,000.00

Estimate of Probable Cost

Project Title:

Runway 18/36 (5000'x100') with Parallel Taxiway

Owner:

Luce County Airport

Development Year:

2017(1)

Date:

November 12, 2013

Project #:

ACIP 2014

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1	Mobilization	1	Lump Sum	\$350,000.00	\$350,000.00
2	Safety and Security	1	Lump Sum	\$50,000.00	\$50,000.00
3	Unclassified Excavation	385,000	CYD	\$2.25	\$866,250.00
4	Gravel Base 10"	26,900	CYD	\$30.00	\$807,000.00
5	Bituminous Pavement 4"	22,300	Tons	\$85.00	\$1,895,500.00
6	Seeding and Mulching	80	Acres	\$2,000.00	\$160,000.00
7	New MIRLs / MITLs on Base	190	Each	\$900.00	\$171,000.00
8	Underground Cable, 1/C, #8, 5000V CIC	24,000	LFT	\$2.00	\$48,000.00
9	Underground Cable, 2/C, #8, 5000V CIC	4,000	LFT	\$2.50	\$10,000.00
10	Bare Counterpoise	24,000	LFT	\$1.50	\$36,000.00
11	REIL	2	Each	\$10,000.00	\$20,000.00
12	PAPI	2	Each	\$18,000.00	\$36,000.00
13	Airfield Signs	12	Each	\$2,700.00	\$32,400.00
14	Vault Work	1	Lump Sum	\$35,000.00	\$35,000.00
15	Soil erosion	1	Lump Sum	\$20,000.00	\$20,000.00
16	Drainage	1	Lump Sum	\$65,000.00	\$65,000.00
17	Tree Clearing	12	Acres	\$4,000.00	\$48,000.00
18	Relocate Electrical Power Lines	10000	LFT	\$160.00	\$1,600,000.00
Construction Estimate:					\$6,250,150.00

Fed. \$6,120,135.00

State \$340,007.50

Local \$340,007.50

Construction Administration \$350,000.00

Contingency: \$200,000.00

Total Estimate: \$6,800,150.00

Estimate of Probable Cost

Project Title:

PFC Runway 11/29

Owner:

Luce County Airport

Development Year:

2019(1)

Date:

November 12, 2013

Project #:

ACIP 2014

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1	Mobilization	1	Lump Sum	\$40,000.00	\$40,000.00
2	Safety and Security	1	Lump Sum	\$10,000.00	\$10,000.00
3	3/4" Porous Friction Course	1,600	Tons	\$110.00	\$176,000.00
4	Crack Sealing	1	Lump Sum	\$15,000.00	\$15,000.00
5	Marking	1	Lump Sum	\$35,000.00	\$35,000.00
6					
7					
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11					
12					
13					
14					
15					
Construction Estimate:					\$276,000.00

Fed. \$332,100.00

State \$18,450.00

Local \$18,450.00

Design Engineering \$25,000.00

Construction Administration \$28,000.00

Contingency: \$40,000.00

Total Estimate: \$369,000.00